

Wide-band Current Monitor CM 03203M

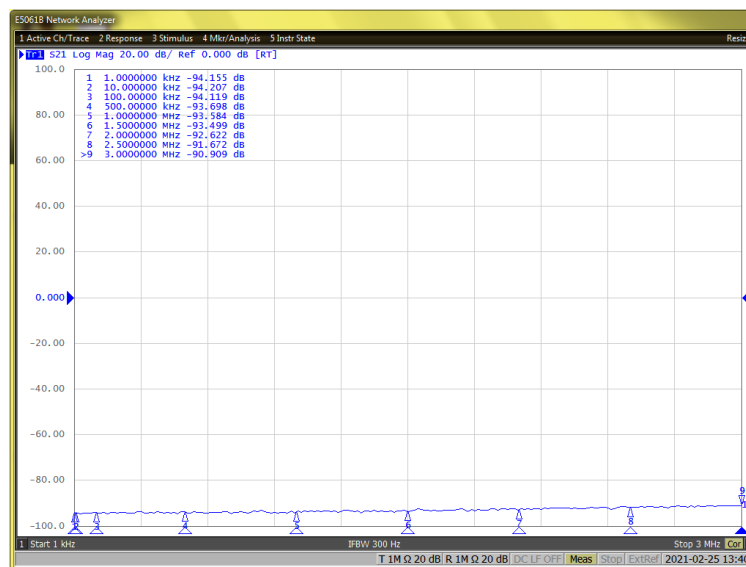
Datasheet



The CM 03203M is used for measuring alternating current and time domain pulse current in the frequency range from 200 Hz to 3 MHz. It features no waveform distortion and physical isolation with current carrier and transmits time harmonics current or pulse current to recording instruments in the form of voltage, which meet the measurement requirement of time harmonics signal with frequency of 3 MHz or below and transient pulse with rise time less than 117 ns. Widely used in tests of EMC conductive sensitivity (immunity).

Technical Parameters

Sensitivity	0.002 V/A	High Frequency 3 dB cut-off	3 MHz
Output Resistance	50 Ω	Inner Diameter	40 mm
Max. Peak Current	100,000 A	Outer Diameter	116 mm
Max. rms Current	150 A	Thickness	40 mm
Rise Time	117 ns	Interface Type	BNC type
Current Time Product	4 A·s	Operating Temperature	0 °C ~ 65 °C
Low Frequency 3 dB cut-off	200 Hz	Weight	1 kg



s21 curve of CM 03203M



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